## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query DBs Default Operator			Plurals	Time Stamp	
S109	59	(graded adj1 buffer) and photodiode	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/03/17 11:17	
S108	12	S107 and (electrons holes) same (ion ionization or ionizing)	US-PCPUB; OR USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB		ON	2010/03/17	
S107	84	S105 S106	US-PCPUB; USPAT; USOCR; EPO; JPO; DEFWENT; IBM_TDB		ON	2010/03/17 11:17	
S106	63	"6232626"	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/03/17 11:17	
S105	21	("20020024058"   "20030218678"   "5557121"   "5818322"   "5847409"   "6127692"   "6403975"   "6462365"   "6587142"   "6762401").FN.	US-PCPUB; OR USPAT; USOOR; EPO; JPO; DEFWENT; IBM_TDB		ON	2010/03/17	
S104	335	((CHANDRA) near2 (MOULI)).INV.	US-PGPUB; OR USPAT; USOCR		ON	2010/03/17 11:17	
S115	12	S114 and (electrons holes) same (ion ionization or ionizing)	US-PCPUB; OR USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/03/17 11:19	
S114	84	S112 S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/17 11:19	

S113	63	6232626"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/03/17 11:19
S112	21	("20020024058"   "20030218678"   "5557121"   "5818322"   "5847409"   "6127692"   "6403975"   "6462365"   "6587142"   "6762401").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OZ	2010/03/17
S111	13494	super\$11attice or super adj1 lattice	US-PCPUB; OR USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/03/17 11:19
S110	5135	band adj diagram	US-PGPUB; USPAT; USOCR			2010/03/17 11:19
S118	2	S117 and dark	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/03/17 11:20
S117	2	("5818322").PN.	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		OFF	2010/03/17 11:20
S116	157	layered near5 photodiode	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/17 11:20
S119	10718	conduction near3 energy	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/17 11:21
S130	6138	(257/290-293,E27.13, E27.133,E31.003). CCLS.	US-PCPUB; OR USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		OFF	2010/06/05 16:39
L4	3	L1 and cmos	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 15:36
L3 0 L1 and charge adj US-PGPUB; coupled USPAT; USO EPO; PO; DEFWBAT; IBM_TDB		USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2010/09/29 15:36	

L2	0	L1 and array	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/09/29 15:36
L1	3	10/120254	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 15:36
L6	0	L5 and array	US PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/09/29 16:29
L5	2	("6489643").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		OFF	2010/09/29 16:29
L9	2	array and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		ON	2010/09/29 16:36
L8	2	("6232626").PN.	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB		OFF	2010/09/29 16:36
L7	67	"6232626"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/29 16:36

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S121	18994	micron.as.	USPAT; UPAD	OR	ON	2010/03/17 11:17
S120	155	((CHANDRA) near2 (MOULI)).INV.	USPAT; UPAD	OR	ON	2010/03/17 11:17
S123	3046	band adj diagram	USPAT; UPAD	OR	ON	2010/03/17 11:20
S122	81	layered near5 photodiode	USPAT; UPAD	OR	ON	2010/03/17 11:20
S127	4	S123 and S125	USPAT; UPAD	OR	ON	2010/03/17 11:21

S126	2011	valence near3 energy	USPAT; UPAD	OR	ON	2010/03/17 11:21
S125	81	layered near5 photodiode	USPAT; UPAD	OR	ON	2010/03/17 11:21
S124	6214	conduction near3 energy	USPAT; UPAD	OR	ON	2010/03/17 11:21
S129	14	S126 and S124 and S121	USPAT; UPAD	OR	ON	2010/03/17 11:22
S128	1193	S126 and S124	USPAT; UPAD	OR	ON	2010/03/17 11:22
S131	26	(257/290-293,E27.13, E27.133,E31.003). CCLS.	UPAD	OR	OFF	2010/06/05 16:39

<sup>9/29/2010 6:23:37</sup> PM

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